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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 2507-5300.1US (21870-US-01)

First Inventor Himansu M. Gajiwala

Title LOW-COST, LOW-DENSITY, ABLATIVE RUBBER INSULATION
FOR ROCKET MOTORS

Express Mail Label No. EV325772321US

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 27]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 12]
5. Oath or Declaration [Total Pages 2]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: _____ / _____

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label



24247

PATENT TRADEMARK OFFICE

or ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

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Name (Print/Type)

Katherine A. Hamer

Registration No. (Attorney/Agent)

47,628

Signature

Katherine A. Hamer

Date

June 26, 2003

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16085 U.S. PTO
06/26/03

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 790

Complete if Known

Application Number	To be assigned
Filing Date	June 26, 2003
First Named Inventor	Himansu M. Gajiwala
Examiner Name	To be assigned
Group / Art Unit	To be assigned
Attorney Docket No.	2507-5300.1US (21870-US-01)

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																															
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account: Deposit Account Number: 20-1469 Deposit Account Name: TraskBritt The Commissioner is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>1051</td> <td>130</td> <td>2051 65</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1052</td> <td>50</td> <td>2052 25</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1053</td> <td>130</td> <td>1053 130</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1812</td> <td>2,520</td> <td>1812 2,520</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1804</td> <td>920*</td> <td>1804 920*</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1805</td> <td>1,840*</td> <td>1805 1,840*</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1251</td> <td>110</td> <td>2251 55</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1252</td> <td>410</td> <td>2252 205</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1253</td> <td>930</td> <td>2253 465</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1254</td> <td>1,450</td> <td>2254 725</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1255</td> <td>1,970</td> <td>2255 985</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1401</td> <td>320</td> <td>2401 160</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1402</td> <td>320</td> <td>2402 160</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1403</td> <td>280</td> <td>2403 140</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1451</td> <td>1,510</td> <td>1451 1,510</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1452</td> <td>110</td> <td>2452 55</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1453</td> <td>1,300</td> <td>2453 650</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1501</td> <td>1,300</td> <td>2501 650</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1502</td> <td>470</td> <td>2502 235</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1503</td> <td>630</td> <td>2503 315</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1460</td> <td>130</td> <td>1460 130</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1807</td> <td>50</td> <td>1807 50</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1806</td> <td>180</td> <td>1806 180</td> <td></td> </tr> <tr> <td></td> <td></td> <td>8021</td> <td>40</td> <td>8021 40</td> <td>40</td> </tr> <tr> <td></td> <td></td> <td>1809</td> <td>750</td> <td>2809 375</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1810</td> <td>750</td> <td>2810 375</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1801</td> <td>750</td> <td>2801 375</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1802</td> <td>900</td> <td>1802 900</td> <td></td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			1051	130	2051 65				1052	50	2052 25				1053	130	1053 130				1812	2,520	1812 2,520				1804	920*	1804 920*				1805	1,840*	1805 1,840*				1251	110	2251 55				1252	410	2252 205				1253	930	2253 465				1254	1,450	2254 725				1255	1,970	2255 985				1401	320	2401 160				1402	320	2402 160				1403	280	2403 140				1451	1,510	1451 1,510				1452	110	2452 55				1453	1,300	2453 650				1501	1,300	2501 650				1502	470	2502 235				1503	630	2503 315				1460	130	1460 130				1807	50	1807 50				1806	180	1806 180				8021	40	8021 40	40			1809	750	2809 375				1810	750	2810 375				1801	750	2801 375				1802	900	1802 900	
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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Katherine A. Hamer	Registration No. Attorney/Agent)	47,628
Signature	Katherine A. Hamer	Telephone	801-532-1922
		Date	June 26, 2003

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